

Manifold Business Forms Printing: 2002

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2002 Economic Census

Manufacturing

Industry Series



U S C E N S U S B U R E A U

Helping You Make Informed Decisions

U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU



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-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

| Industry and year ¹ | Com- panies ² | All estab- lish- ments ³ | All employees | | Production workers | | | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expendi- tures (\$1,000) |
|--|-----------------------------|--|---------------------|----------------------|---------------------|------------------|--------------------|-----------------------------|--|---|---|
| | | | Number ⁴ | Payroll (\$1,000) | Number ⁴ | Hours (1,000) | Wages (\$1,000) | | | | |
| 323116, Manifold business forms printing . . 2002. . | 558 | 770 | 36 678 | 1 221 530 | 24 510 | 49 458 | 753 137 | 4 710 013 | 2 961 640 | 7 681 036 | '204 118 |
| 2001. . | N | N | 45 416 | 1 484 015 | 30 762 | 60 961 | 931 232 | 5 102 917 | 3 751 982 | 8 876 680 | 137 845 |
| 2000. . | N | N | 48 986 | 1 570 945 | 33 624 | 66 423 | 992 374 | 5 263 922 | 3 708 352 | 8 903 529 | 167 702 |
| 1999. . | N | N | 52 911 | 1 592 743 | 36 343 | 72 739 | 1 012 102 | 5 496 164 | 3 799 203 | 9 297 153 | 218 777 |
| 1998. . | N | N | 54 721 | 1 640 299 | 38 859 | 79 443 | 1 071 850 | 5 425 029 | 3 896 805 | 9 407 233 | 186 136 |
| 1997. . | 719 | 1 033 | 55 884 | 1 678 053 | 38 992 | 75 106 | 1 075 577 | 5 631 433 | 3 887 345 | 9 516 072 | 257 543 |

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| Industry and geographic area | E ¹ | All establishments ² | | All employees | | Production workers | | | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
| | | Total | With 20 employees or more | Number ³ | Payroll (\$1,000) | Number ³ | Hours (1,000) | Wages (\$1,000) | | | | |
| 323116, Manifold business forms printing | | | | | | | | | | | | |
| United States | 2 | 770 | 396 | 36 678 | 1 221 530 | 24 510 | 49 458 | 753 137 | 4 710 013 | 2 961 640 | 7 681 036 | '204 118 |
| Alabama | — | 10 | 4 | 572 | 14 596 | 264 | 572 | 7 838 | 88 954 | 23 801 | 110 915 | '1 963 |
| Arizona | 2 | 20 | 6 | 359 | 12 238 | 234 | 503 | 6 997 | 44 930 | 20 696 | 65 400 | '7 540 |
| California | 1 | 86 | 42 | 3 242 | 116 410 | 2 194 | 4 343 | 71 082 | 370 807 | 294 451 | 664 397 | '28 667 |
| Colorado | — | 13 | 7 | 1 551 | 38 928 | 497 | 1 043 | 14 338 | 252 254 | 52 516 | 305 159 | '3 494 |
| Connecticut | 4 | 6 | 2 | 163 | 5 780 | 128 | 211 | 3 934 | 23 723 | 18 104 | 41 764 | '498 |
| Florida | 6 | 23 | 9 | 762 | 24 014 | 461 | 919 | 12 608 | 82 514 | 72 043 | 155 642 | '3 528 |
| Georgia | 2 | 23 | 11 | 861 | 28 344 | 619 | 1 269 | 18 244 | 109 802 | 59 864 | 169 892 | '32 586 |
| Illinois | 4 | 46 | 26 | 2 334 | 89 073 | 1 660 | 3 279 | 56 988 | 279 524 | 208 742 | 486 524 | '10 217 |
| Indiana | — | 16 | 12 | 989 | 36 099 | 749 | 1 527 | 24 530 | 181 366 | 192 842 | 368 415 | '2 530 |
| Iowa | — | 12 | 10 | 1 122 | 35 096 | 651 | 1 268 | 19 390 | 139 206 | 93 606 | 234 025 | '4 073 |
| Kansas | 2 | 19 | 14 | 2 474 | 80 117 | 1 758 | 3 625 | 52 889 | 181 799 | 146 658 | 330 245 | '10 361 |
| Kentucky | — | 7 | 4 | 270 | 7 641 | 200 | 445 | 4 634 | 30 807 | 17 077 | 48 960 | '875 |
| Maryland | 2 | 11 | 8 | 1 045 | 33 807 | 786 | 1 648 | 22 029 | 165 228 | 73 343 | 238 237 | '3 951 |
| Massachusetts | 1 | 15 | 7 | 478 | 15 544 | 330 | 545 | 8 998 | 107 509 | 31 025 | 138 793 | '2 609 |
| Michigan | 4 | 24 | 11 | 623 | 21 591 | 438 | 875 | 14 030 | 66 503 | 38 174 | 105 199 | '2 000 |
| Missouri | — | 17 | 7 | 918 | 32 426 | 589 | 1 221 | 15 175 | 159 184 | 87 541 | 248 252 | '1 383 |
| New Hampshire | 1 | 5 | 2 | 265 | 8 989 | 225 | 472 | 6 729 | 31 106 | 25 374 | 56 350 | '207 |
| New Jersey | 4 | 23 | 12 | 845 | 30 222 | 618 | 1 236 | 19 718 | 133 535 | 52 623 | 186 214 | '2 849 |
| New York | 6 | 42 | 16 | 1 017 | 37 820 | 740 | 1 413 | 23 782 | 143 748 | 66 276 | 209 945 | '5 985 |
| North Carolina | — | 25 | 13 | 1 154 | 35 201 | 635 | 1 330 | 19 936 | 142 713 | 59 132 | 198 525 | '3 315 |
| Ohio | 4 | 35 | 21 | 2 050 | 66 432 | 1 518 | 3 048 | 46 852 | 396 576 | 129 001 | 524 795 | '12 637 |
| Oklahoma | 2 | 8 | 1 | 194 | 5 102 | 149 | 344 | 3 712 | 11 376 | 11 822 | 23 186 | '134 |
| Pennsylvania | 2 | 40 | 27 | 2 568 | 81 817 | 1 956 | 4 012 | 58 243 | 291 513 | 275 761 | 566 240 | '8 437 |
| South Carolina | 1 | 10 | 5 | 327 | 11 231 | 216 | 440 | 6 924 | 55 671 | 89 294 | 144 568 | '1 041 |
| Tennessee | 1 | 24 | 13 | 798 | 26 047 | 558 | 1 088 | 17 520 | 107 260 | 77 183 | 185 356 | '7 532 |
| Texas | 1 | 75 | 41 | 4 047 | 135 177 | 2 258 | 4 656 | 69 835 | 445 680 | 368 148 | 824 029 | '12 265 |
| Utah | — | 6 | 4 | 471 | 14 710 | 359 | 751 | 10 065 | 134 311 | 25 706 | 159 957 | '1 049 |
| Virginia | 2 | 17 | 8 | 653 | 21 586 | 487 | 953 | 16 031 | 66 673 | 55 675 | 123 550 | '1 949 |
| Washington | — | 14 | 5 | 574 | 22 262 | 364 | 730 | 11 654 | 49 612 | 30 665 | 81 583 | '1 298 |
| Wisconsin | 1 | 14 | 7 | 413 | 13 390 | 341 | 708 | 10 496 | 45 093 | 22 617 | 67 982 | '3 320 |

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

| Item | Value |
|--|----------------------|
| 323116, Manifold business forms printing | |
| Companies ¹ | number.. 558 |
| All establishments ² | number.. 770 |
| Establishments with 1 to 19 employees | number.. 374 |
| Establishments with 20 to 99 employees | number.. 282 |
| Establishments with 100 employees or more | number.. 114 |
| All employees ³ | number.. 36 678 |
| Total compensation | \$1,000.. 1 526 552 |
| Annual payroll | \$1,000.. 1 221 530 |
| Total fringe benefits | \$1,000.. 305 022 |
| Production workers, average for year | number.. 24 510 |
| Production workers on March 12 | number.. 24 993 |
| Production workers on May 12 | number.. 24 750 |
| Production workers on August 12 | number.. 24 382 |
| Production workers on November 12 | number.. 23 834 |
| Production worker hours | 1,000.. 49 458 |
| Production worker wages | \$1,000.. 753 137 |
| Total cost of materials | \$1,000.. 2 961 640 |
| Materials, parts, containers, packaging, etc., used | \$1,000.. 2 318 203 |
| Resales | \$1,000.. 467 825 |
| Purchased fuels | \$1,000.. 7 813 |
| Purchased electricity | \$1,000.. 47 431 |
| Contract work | \$1,000.. 120 368 |
| Quantity of electricity purchased for heat and power | 1,000 kWh.. 733 813 |
| Quantity of electricity generated less sold for heat and power | 1,000 kWh.. - |
| Total value of shipments | \$1,000.. 7 681 036 |
| Primary products value of shipments | \$1,000.. 6 345 794 |
| Secondary products value of shipments | \$1,000.. 587 836 |
| Total miscellaneous receipts | \$1,000.. 747 406 |
| Value of resales | \$1,000.. 560 119 |
| Contract receipts | \$1,000.. - |
| Other miscellaneous receipts | \$1,000.. 187 287 |
| Primary products specialization ratio | percent.. 92 |
| Value of primary products shipments made in all industries | \$1,000.. 6 601 178 |
| Value of primary products shipments made in this industry | \$1,000.. 6 345 794 |
| Value of primary products shipments made in other industries | \$1,000.. 255 384 |
| Coverage ratio | percent.. 96 |
| Value added | \$1,000.. 4 710 013 |
| Total inventories, beginning of year | \$1,000.. 547 775 |
| Finished goods inventories | \$1,000.. 301 254 |
| Work-in-process inventories | \$1,000.. 49 581 |
| Materials and supplies inventories | \$1,000.. 196 940 |
| Total inventories, end of year | \$1,000.. 538 380 |
| Finished goods inventories | \$1,000.. 292 702 |
| Work-in-process inventories | \$1,000.. 48 750 |
| Materials and supplies inventories | \$1,000.. 196 928 |
| Gross value of depreciable assets (acquisition costs) at beginning of year | \$1,000.. '3 119 359 |
| Total capital expenditures (new and used) | \$1,000.. '204 118 |
| Buildings and other structures (new and used) | \$1,000.. '31 014 |
| Machinery and equipment (new and used) | \$1,000.. '173 104 |
| Automobiles, trucks, etc., for highway use | \$1,000.. '5 363 |
| Computers and peripheral data processing equipment | \$1,000.. '24 248 |
| All other expenditures for machinery and equipment | \$1,000.. '143 493 |
| Total retirements | \$1,000.. '188 477 |
| Gross value of depreciable assets at end of year | \$1,000.. '3 135 000 |
| Depreciation charges during year | \$1,000.. '181 873 |
| Total rental payments | \$1,000.. 97 137 |
| Buildings and other structures | \$1,000.. 53 331 |
| Machinery and equipment | \$1,000.. 43 806 |
| Total other expenses ⁴ | \$1,000.. 580 871 |
| Response coverage ratio ⁵ | percent.. 74 |
| Repair and maintenance services of buildings and/or machinery ⁴ | \$1,000.. 51 719 |
| Communications services ⁴ | \$1,000.. 17 309 |
| Legal services ⁴ | \$1,000.. 2 083 |
| Accounting, auditing, and bookkeeping services ⁴ | \$1,000.. 4 598 |
| Advertising and promotional services ⁴ | \$1,000.. 67 820 |
| Expensed computer hardware and supplies and purchased computer services ⁴ | \$1,000.. 7 238 |
| Refuse removal (including hazardous waste) services ⁴ | \$1,000.. 4 467 |
| Management consulting and administrative services ⁴ | \$1,000.. 8 921 |
| Taxes and license fees ⁴ | \$1,000.. 17 885 |
| All other expenses ⁴ | \$1,000.. 398 831 |

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

| Employment size class | E ¹ | All establishments ² | All employees | | Production workers | | | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|---|----------------|---------------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
| | | | Number ³ | Payroll (\$1,000) | Number ³ | Hours (1,000) | Wages (\$1,000) | | | | |
| 323116, Manifold business forms printing | | | | | | | | | | | |
| All establishments | 2 | 770 | 36 678 | 1 221 530 | 24 510 | 49 458 | 753 137 | 4 710 013 | 2 961 640 | 7 681 036 | '204 118 |
| Establishments with— | | | | | | | | | | | |
| 1 to 4 employees | 8 | 194 | 423 | 14 046 | 317 | 562 | 9 297 | 58 421 | 34 163 | 96 944 | '3 614 |
| 5 to 9 employees | 8 | 89 | 603 | 21 225 | 435 | 840 | 14 068 | 82 810 | 41 687 | 123 941 | '3 112 |
| 10 to 19 employees | 6 | 91 | 1 194 | 42 168 | 851 | 1 672 | 28 403 | 133 148 | 88 049 | 222 237 | '5 539 |
| 20 to 49 employees | 2 | 159 | 5 322 | 173 151 | 3 768 | 7 306 | 115 014 | 514 986 | 374 002 | 895 577 | '20 939 |
| 50 to 99 employees | 2 | 123 | 8 662 | 294 787 | 5 967 | 12 114 | 185 592 | 1 026 538 | 797 143 | 1 819 852 | '43 868 |
| 100 to 249 employees | — | 98 | 14 234 | 488 210 | 10 087 | 20 377 | 312 409 | 2 121 365 | 1 318 491 | 3 440 111 | '104 346 |
| 250 to 499 employees | 3 | 14 | h | D | D | D | D | D | D | D | D |
| 500 to 999 employees | — | 1 | f | D | D | D | D | D | D | D | D |
| 1,000 to 2,499 employees | — | 1 | g | D | D | D | D | D | D | D | D |
| 2,500 employees or more | — | — | — | — | — | — | — | — | — | — | — |
| Administrative records ⁴ | 9 | 270 | 1 312 | 46 035 | 974 | 1 848 | 30 985 | 186 952 | 95 692 | 282 644 | '6 391 |

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

| Industry or product class code | Industry or primary product class | All establishments ¹ | All employees | | Production workers | | | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--------------------------------|--|---------------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
| | | | Number ² | Payroll (\$1,000) | Number ² | Hours (1,000) | Wages (\$1,000) | | | | |
| 323116 | Manifold business forms printing | 770 | 36 678 | 1 221 530 | 24 510 | 49 458 | 753 137 | 4 710 013 | 2 961 640 | 7 681 036 | '204 118 |
| 3231161 | Unit set business forms, loose or bound | 107 | 6 796 | 232 119 | 4 957 | 10 021 | 150 675 | 737 789 | 518 357 | 1 260 069 | '56 434 |
| 3231163 | Manifold books and pegboard accounting systems | 5 | 341 | 8 304 | 160 | 380 | 3 956 | 52 656 | 12 052 | 64 030 | 2 271 |
| 3231165 | Custom continuous business forms .. | 163 | 12 055 | 410 444 | 8 328 | 16 565 | 265 924 | 1 178 939 | 884 637 | 2 057 486 | '69 827 |
| 3231167 | Stock continuous business forms ... | 24 | 1 889 | 72 860 | 1 015 | 1 990 | 33 389 | 259 439 | 652 414 | 920 910 | '8 594 |
| 3231169 | Checkbooks (including inserts and refills, but excluding those in continuous form and die-cut) | 54 | 8 079 | 237 845 | 4 713 | 9 999 | 134 725 | 1 468 372 | 367 602 | 1 839 352 | '36 807 |

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. **Products Statistics: 2002 and 1997**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

| Product code | Product | Number of companies with shipments of \$100,000 or more | Quantity of production for all purposes | Product shipments | |
|--------------|--|---|---|-------------------|------------------------|
| | | | | Quantity | Value (\$1,000) |
| 323116 | Manifold business forms printing | 2002.. N 1997.. N | X X | X X | 6 601 178 8 238 472 |
| 3231161 | Unit set business forms, loose or bound | 2002.. N 1997.. N | X X | X X | 1 182 416 1 594 840 |
| 32311611 | Unit set business forms, loose or bound, label/form combination and stock forms | 2002.. N 1997.. N | X X | X X | 292 364 573 331 |
| 3231161111 | Unit set label/form combination business forms, loose or bound | 2002.. 29 1997.. 21 | X X | X X | 85 901 30 491 |
| 3231161121 | Unit set business forms, loose or bound, stock (including imprinted), with one-time carbon | 2002.. 22 1997.. 30 | X X | X X | 55 147 315 279 |
| 3231161126 | Unit set business forms, loose or bound, stock (including imprinted), carbonless | 2002.. 47 1997.. 55 | X X | X X | 151 316 227 561 |
| 32311612 | Unit set business forms, loose or bound, custom-printed, with one-time carbon | 2002.. N 1997.. N | X X | X X | 130 166 272 344 |
| 3231161231 | Unit set business forms, loose or bound, custom-printed, with one-time carbon | 2002.. 65 1997.. 147 | X X | X X | 130 166 272 344 |
| 32311613 | Unit set business forms, loose or bound, custom-printed, carbonless | 2002.. N 1997.. N | X X | X X | 520 075 511 909 |
| 3231161336 | Unit set business forms, loose or bound, custom-printed, carbonless | 2002.. 163 1997.. 266 | X X | X X | 520 075 511 909 |
| 32311619 | All other unit set business forms, including tabulating card sets | 2002.. N 1997.. N | X X | X X | 135 962 N |
| 3231161991 | All other unit set business forms, including tabulating card sets | 2002.. 33 1997.. N | X X | X X | 135 962 N |
| 3231161Y | Unit set business forms, loose or bound, nsk | 2002.. N 1997.. N | X X | X X | 103 849 224 751 |
| 3231161YVV | Unit set business forms, loose or bound, nsk | 2002.. N 1997.. N | X X | X X | 103 849 224 751 |
| 3231163 | Manifold books and pegboard accounting systems | 2002.. N 1997.. N | X X | X X | 66 201 160 355 |
| 32311631 | Manifold books and pegboard accounting systems | 2002.. N 1997.. N | X X | X X | 59 231 121 368 |
| 3231163111 | Pegboard accounting systems | 2002.. 8 1997.. 18 | X X | X X | 47 635 68 748 |
| 3231163116 | Sales and other manifold books | 2002.. 15 1997.. 39 | X X | X X | 11 596 52 620 |
| 3231163Y | Manifold books and pegboard accounting systems, nsk | 2002.. N 1997.. N | X X | X X | 6 970 38 987 |
| 3231163YVV | Manifold books and pegboard accounting systems, nsk | 2002.. N 1997.. N | X X | X X | 6 970 38 987 |
| 3231165 | Custom continuous business forms | 2002.. N 1997.. N | X X | X X | 1 717 262 2 523 101 |
| 32311651 | Custom continuous business forms, label/form combination, jumbo roll-feed, and self-mailer types | 2002.. N 1997.. N | X X | X X | 677 606 543 673 |
| 3231165111 | Custom continuous label/form combination business forms | 2002.. 39 1997.. 44 | X X | X X | 234 856 374 443 |
| 3231165116 | Custom continuous jumbo roll-feed business forms | 2002.. 32 1997.. 29 | X X | X X | 292 161 91 341 |
| 3231165121 | Custom continuous peel-back self-mailer business forms | 2002.. 10 1997.. 20 | X X | X X | 60 593 21 462 |
| 3231165126 | Custom continuous insert self-mailer business forms | 2002.. 15 1997.. 18 | X X | X X | 30 832 36 550 |
| 3231165131 | All other custom continuous self-mailer business forms | 2002.. 11 1997.. 8 | X X | X X | 59 164 19 877 |
| 32311652 | Custom continuous business forms, one-part, with or without product affixed | 2002.. N 1997.. N | X X | X X | 333 519 481 842 |
| 3231165236 | Custom continuous business forms, one-part, with product affixed | 2002.. 15 1997.. 24 | X X | X X | 36 300 121 925 |
| 3231165241 | All other custom continuous business forms, one-part, with no product affixed | 2002.. 79 1997.. 138 | X X | X X | 297 219 359 917 |
| 32311653 | All other custom continuous business forms, multiple-part, with one-time carbon | 2002.. N 1997.. N | X X | X X | 56 493 227 923 |
| 3231165346 | All other custom continuous business forms, multiple-part, with one-time carbon | 2002.. 45 1997.. 122 | X X | X X | 56 493 227 923 |
| 32311654 | All other custom continuous multiple-part business forms, carbonless | 2002.. N 1997.. N | X X | X X | 503 868 876 297 |
| 3231165451 | All other custom continuous multiple-part business forms, carbonless | 2002.. 137 1997.. 212 | X X | X X | 503 868 876 297 |
| 3231165Y | Custom continuous business forms, nsk | 2002.. N 1997.. N | X X | X X | 145 776 393 366 |
| 3231165YVV | Custom continuous business forms, nsk | 2002.. N 1997.. N | X X | X X | 145 776 393 366 |
| 3231167 | Stock continuous business forms | 2002.. N 1997.. N | X X | X X | 666 329 1 065 457 |
| 32311671 | Stock continuous business forms | 2002.. N 1997.. N | X X | X X | 453 720 929 196 |
| 3231167111 | Stock continuous label/form combination business forms | 2002.. 6 1997.. 7 | X X | X X | 64 275 102 380 |
| 3231167116 | Stock continuous jumbo roll-feed business forms | 2002.. 6 1997.. 5 | X X | X X | 67 771 42 758 |

See footnotes at end of table.

Table 6a. **Products Statistics: 2002 and 1997—Con.**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

| Product code | Product | Number of companies with shipments of \$100,000 or more | Quantity of production for all purposes | Product shipments | |
|--------------|--|---|---|-------------------|-----------------|
| | | | | Quantity | Value (\$1,000) |
| 323116 | Manifold business forms printing—Con. | | | | |
| 3231167 | Stock continuous business forms—Con. | | | | |
| 32311671 | Stock continuous business forms—Con. | | | | |
| 3231167121 | All other stock continuous business forms, one-part | 2002.. 20 | X | X | 226 500 |
| | 1997.. 25 | X | X | 620 347 | |
| 3231167126 | All other stock continuous business forms, multiple-part, with one-time carbon | 2002.. 9 | X | X | 6 563 |
| | 1997.. 17 | X | X | 61 996 | |
| 3231167131 | All other stock continuous business forms, multiple-part, carbonless | 2002.. 20 | X | X | 88 611 |
| | 1997.. 26 | X | X | 101 715 | |
| 3231167Y | Stock continuous business forms, nsk | 2002.. N | X | X | 212 609 |
| | 1997.. N | X | X | 136 261 | |
| 3231167YVV | Stock continuous business forms, nsk | 2002.. N | X | X | 212 609 |
| | 1997.. N | X | X | 136 261 | |
| 3231169 | Checkbooks (including inserts and refills, but excluding those in continuous form and die-cut) | 2002.. N | X | X | 1 582 971 |
| | 1997.. N | X | X | 1 618 640 | |
| 32311691 | Checkbooks (including inserts and refills, but excluding those in continuous form and die-cut) | 2002.. N | X | X | 1 582 971 |
| | 1997.. N | X | X | 1 618 640 | |
| 3231169100 | Checkbooks (including inserts and refills, but excluding those in continuous form and die-cut) | 2002.. 25 | X | X | 1 582 971 |
| | 1997.. 42 | X | X | 1 618 640 | |
| 323116W | Manifold business forms printing, nsk, total | 2002.. N | X | X | 1 385 999 |
| | 1997.. N | X | X | 1 276 079 | |
| 323116WY | Manifold business forms printing, nsk, total | 2002.. N | X | X | 1 385 999 |
| | 1997.. N | X | X | 1 276 079 | |
| 323116WYWW | Manifold business forms printing, nsk, for nonadministrative-record establishments | 2002.. N | X | X | 1 141 106 |
| | 1997.. N | X | X | 1 041 405 | |
| 323116WYWY | Manifold business forms printing, nsk, for administrative-record establishments | 2002.. N | X | X | 244 893 |
| | 1997.. N | X | X | 234 674 | |

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p—10 to 19 percent estimated; q—20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. Product Class Shipments for Selected States: 2002 and 1997

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS product class code | Product class and geographic area | Value of product shipments (\$1,000) |
|--------------------------|--|--------------------------------------|
| 3231161 | Unit set business forms, loose or bound | |
| | United States | 2002.. 1 182 416 |
| | | 1997.. 1 594 840 |
| | Arizona | 2002.. 10 496 |
| | | 1997.. 14 461 |
| | California | 2002.. 77 141 |
| | | 1997.. 131 995 |
| | Colorado | 2002.. 8 874 |
| | | 1997.. 13 701 |
| | Florida | 2002.. 18 958 |
| | | 1997.. 23 541 |
| | Georgia | 2002.. 66 152 |
| | | 1997.. 85 383 |
| | Illinois | 2002.. 73 149 |
| | | 1997.. 144 651 |
| | Indiana | 2002.. 47 891 |
| | | 1997.. 59 462 |
| | Iowa | 2002.. 62 625 |
| | | 1997.. 97 831 |
| | Kansas | 2002.. 50 385 |
| | | 1997.. 103 929 |
| | Kentucky | 2002.. 21 064 |
| | | 1997.. N |
| | Maryland | 2002.. 16 024 |
| | | 1997.. 4 220 |
| | Massachusetts | 2002.. 14 699 |
| | | 1997.. 15 269 |
| | Michigan | 2002.. 16 679 |
| | | 1997.. 30 645 |
| | Minnesota | 2002.. 49 696 |
| | | 1997.. 20 570 |
| | Missouri | 2002.. 103 386 |
| | | 1997.. 83 470 |
| | New Jersey | 2002.. 11 535 |
| | | 1997.. 21 883 |
| | New York | 2002.. 42 920 |
| | | 1997.. 49 455 |
| | North Carolina | 2002.. 45 364 |
| | | 1997.. 32 400 |
| | Ohio | 2002.. 79 101 |
| | | 1997.. 108 682 |
| | Oregon | 2002.. 22 015 |
| | | 1997.. 20 554 |
| | Pennsylvania | 2002.. 79 152 |
| | | 1997.. 145 596 |
| | South Carolina | 2002.. 2 270 |
| | | 1997.. N |
| | Tennessee | 2002.. 18 542 |
| | | 1997.. 105 854 |
| | Texas | 2002.. 136 661 |
| | | 1997.. 126 820 |
| | Virginia | 2002.. 15 659 |
| | | 1997.. 28 159 |
| | Washington | 2002.. 10 787 |
| | | 1997.. 13 219 |
| | Wisconsin | 2002.. 20 066 |
| | | 1997.. 17 313 |
| 3231163 | Manifold books and pegboard accounting systems | |
| | United States | 2002.. 66 201 |
| | | 1997.. 160 355 |
| | California | 2002.. 5 617 |
| | | 1997.. 33 384 |
| | Pennsylvania | 2002.. 5 365 |
| | | 1997.. 2 924 |
| 3231165 | Custom continuous business forms | |
| | United States | 2002.. 1 717 262 |
| | | 1997.. 2 523 101 |
| | Arizona | 2002.. 17 400 |
| | | 1997.. 47 379 |
| | California | 2002.. 125 758 |
| | | 1997.. 215 266 |
| | Colorado | 2002.. 20 279 |
| | | 1997.. 21 657 |
| | Connecticut | 2002.. 19 789 |
| | | 1997.. 42 259 |
| | Florida | 2002.. 39 922 |
| | | 1997.. 50 468 |
| | Georgia | 2002.. 13 464 |
| | | 1997.. 34 100 |
| | Illinois | 2002.. 79 664 |
| | | 1997.. 149 932 |
| | Indiana | 2002.. 45 016 |
| | | 1997.. 62 386 |
| | Iowa | 2002.. 140 951 |
| | | 1997.. 89 059 |
| | Kansas | 2002.. 101 788 |
| | | 1997.. 84 951 |
| | Kentucky | 2002.. 4 018 |
| | | 1997.. 11 316 |
| | Massachusetts | 2002.. 4 998 |
| | | 1997.. 22 775 |
| | Michigan | 2002.. 31 408 |
| | | 1997.. 63 413 |
| | Minnesota | 2002.. 33 261 |
| | | 1997.. 50 868 |
| | Missouri | 2002.. 39 051 |
| | | 1997.. 53 145 |
| | New Jersey | 2002.. 9 617 |

See footnotes at end of table.

Table 6b. **Product Class Shipments for Selected States: 2002 and 1997—Con.**

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS product class code | Product class and geographic area | Value of product shipments (\$1,000) |
|--------------------------|--|--------------------------------------|
| 3231165 | Custom continuous business forms—Con. | |
| | United States—Con. | |
| | 1997.. | 20 154 |
| | 2002.. | 39 101 |
| | New York | 68 086 |
| | 1997.. | 26 370 |
| | 2002.. | 15 004 |
| | North Carolina | 95 940 |
| | 1997.. | 219 218 |
| | 2002.. | 38 581 |
| | Ohio | 37 858 |
| | 1997.. | 137 220 |
| | 2002.. | 178 015 |
| | Oregon | 64 933 |
| | 1997.. | 33 456 |
| | 2002.. | 120 760 |
| | Pennsylvania | 176 398 |
| | 1997.. | 54 538 |
| | 2002.. | 69 716 |
| | Tennessee | 19 127 |
| | 1997.. | 27 907 |
| | 2002.. | 13 825 |
| | Texas | 48 462 |
| | 1997.. | |
| 3231167 | Stock continuous business forms | |
| | United States | 666 329 |
| | 1997.. | 1 065 457 |
| | 2002.. | 68 740 |
| | California | 145 665 |
| | 1997.. | 27 628 |
| | 2002.. | 103 558 |
| | Illinois | 9 447 |
| | 1997.. | 12 680 |
| | 2002.. | 15 015 |
| | Iowa | 13 697 |
| | 1997.. | 3 382 |
| | 2002.. | 2 868 |
| | Minnesota | 8 566 |
| | 1997.. | 7 761 |
| | 2002.. | 86 967 |
| | New York | 246 204 |
| | 1997.. | 49 808 |
| | 2002.. | 77 041 |
| | Ohio | |
| | 1997.. | |
| | 2002.. | |
| | Pennsylvania | |
| | 1997.. | |
| | 2002.. | |
| | Texas | |
| | 1997.. | |
| 3231169 | Checkbooks (including inserts and refills, but excluding those in continuous form and die-cut) | |
| | United States | 1 582 971 |
| | 1997.. | 1 618 640 |
| | 2002.. | 121 071 |
| | California | 144 783 |
| | 1997.. | 85 943 |
| | 2002.. | 80 531 |
| | North Carolina | 97 303 |
| | 1997.. | 27 399 |
| | 2002.. | 231 981 |
| | Ohio | 194 776 |
| | 1997.. | |
| | 2002.. | |
| | Texas | |
| | 1997.. | |

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

| Material code | Material consumed | Quantity | Delivered cost (\$1,000) |
|---------------|---|----------|--------------------------|
| 323116 | Manifold business forms printing | | |
| 00900001 | Total materials2002.. | X | 2 318 203 |
| |1997.. | X | 3 382 172 |
| 32200015 | Coated paper2002.. | X | 117 203 |
| |1997.. | X | 273 953 |
| 32212019 | Uncoated paper2002.. | X | 688 604 |
| |1997.. | X | 971 572 |
| 32212021 | Carbonless paper2002.. | X | 358 727 |
| |1997.. | X | 527 997 |
| 32212023 | Carbonizing tissue stock for conversion into one-time carbon paper2002.. | X | 1 354 |
| |1997.. | X | 8 801 |
| 33994400 | One-time carbon paper2002.. | X | 13 368 |
| |1997.. | X | 26 169 |
| 32222200 | Pressure-sensitive base stock, self-adhesive (paper, film, foil, etc.).....2002.. | X | 39 002 |
| |1997.. | X | 31 154 |
| 32591002 | Printing inks2002.. | X | 26 765 |
| |1997.. | X | N |
| 32221001 | Paperboard containers, boxes, and corrugated paperboard2002.. | X | 64 662 |
| |1997.. | X | 72 683 |
| 00970099 | All other materials and components, parts, containers, and supplies.....2002.. | X | 579 407 |
| |1997.. | X | 229 517 |
| 00971000 | Materials, ingredients, containers, and supplies, nsk2002.. | X | 429 111 |
| |1997.. | X | 1 240 326 |

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.